

Reply to Final Office Action of December 7, 2006

REMARKS/ARGUMENTS

Claims 1-12 are pending in the application. Claims 1-12 are submitted to clearly distinguish patentably over the prior art for the reasons set forth hereafter. No new matter is involved.

The final Office Action of March 22, 2007 includes an Interview Summary referring to a telephonic interview of March 5, 2007 of the undersigned with the Examiner. As correctly summarized in the Interview Summary, the undersigned pointed out to the Examiner that the final Office Action of December 7, 2006 was not addressed to the attorneys of record but rather to another law firm. The Examiner stated that the final Office Action would be re-issued to the correct attorney and address. During the telephone conversation, the undersigned mentioned that the address of the attorneys of record has recently changed and the Examiner asked that a Change Of Correspondence Address be filed, which the undersigned did. Accordingly, the final Office Action of March 22, 2007 was mailed to the correct attorneys of record at their correct current address.

Beginning on page 2 of the final Office Action, claims 1-12 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Publication 2002/0060964 A1 of Park in view of U.S. Patent 6,434,096 of Akagai et al. The final Office Action notes that Park does not teach recording an offset adjustment signal in a test recording area provided on an optical disc, wherein the offset adjustment signal is recorded while modifying a driving signal level supplied to said tilt adjustment coil, nor does it teach that the tilt angle of the optical pickup is changed by changing the level of the drive current supplied to the tilt adjustment coil. However, Akagai et al. is said to teach recording an offset adjustment signal in a test recording area provided on an optical disc, wherein the offset adjustment signal is recorded while modifying a

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driving signal level supplied to the tilt adjustment coil, and further that it teaches that the tilt angle of the optical pickup is changed by changing the level of the drive current supply to the tilt adjustment coil. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of Park and Akagai et al. This rejection is respectfully traversed.

Independent claims 1, 3 and 5 include a limitation that an offset adjustment signal is recorded in a test recording area provided on an optical disc while a driving signal level supplied to the tilt adjustment coil is modified. In claim 1, for example, the steps thereof include "recording an offset adjustment signal in a test recording area provided on an optical disc" and "wherein said offset adjustment signal is recorded while modifying a driving signal level supplied to said tilt adjustments coil". According to the final Office Action, lines 40-45 of col. 12 and claim 33 of Akagai show such limitations. However, such sections of Akagai in fact describe that an offset amount is stored beforehand. Nowhere does Akagai disclose or suggest the feature in accordance with the present invention.

Moreover, while lines 28-29 of Akagai describe an offset detection section for detecting the offset of the tilt area signal, such reference does not disclose or suggest how the offset is detected.

Independent claims 7, 9 and 11 include a limitation that an offset adjustment signal is written to the disc by the recording circuit while the tilt control circuit modifies the driving signal level to the tilt coil, and the relationship between the driving signal level and the recording position is stored. Thus, in claim 7 for example, such claim includes the limitation "an offset adjustment signal is written to the disc by recording a signal to the disc by said signal recording circuit while said tilt control circuit modifies the driving signal level to the tilt control coil, and the relationship between driving signal level and recording position is stored".

Again, Akagai teaches only that the offset of the tilt error signal is detected. Nowhere does such reference disclose or suggest the feature in accordance with the present invention, as noted.

Therefore, independent claims 1, 3, 5, 7, 9 and 11 are submitted to clearly distinguish patentably over the attempted combination of Park and Akagai. Claims 2, 4, 6, 8, 10 and 12 each depend from one of the independent claims and contain all of the limitations thereof. Therefore, these claims are also submitted to clearly distinguish patentably over the prior art.

In conclusion, claims 1-12 are submitted to clearly distinguish patentably over the prior art for the reasons set forth above. Therefore, reconsideration and allowance of the application are respectfully requested.

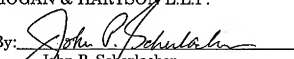
If there are any fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-1314.

Respectfully submitted,

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